EVEN SEMESTER BACK PAPER EXAMINATION, AUGUST, 2025

Course Name: - B.tech **Semester:- 2nd**

Paper Name: - Environmental Science **Paper Code:- NVA-203**

Time - 3Hrs + 20 minutes per hour extra time for V.I. & examinees with writer. **Max Marks-70**

Instructions:

- The question paper consists of three sections namely A, B, C. All sections are compulsory.
- Section A- Each question carries **3 mark**. **All questions are compulsory**.
- Section B- Answer any **5 out of 7** given questions. Each question carries **7 marks**.
- SectionC- Answer any **2 out of 3** given questions. Each question carries **10 marks**.

Section – A (खण्ड–अ)

Objective Questions (वस्तुनिष्ठप्रश्न)

1. Answer all the following questions. **5x3 =15**

i) The Air (Protection & Control) Act came into force on

a) 1980 b) 1986

c) 1974 d) 1981

ii) The Major reservoir for Phosphorous is

a) Aquifers b) Soil and rocks

c) The Atmosphere d) Clouds

iii) The term 'detrivore' includes

a) Decomposers b) Primary consumers

c) Secondary consumers d) Producers

iv) Which atmospheric layer contains Ions and helps in wireless communication?

a) Troposphere b) Thermosphere

c) Stratosphere d) Mesosphere

v) Which One of the Following Is Not a Greenhouse Gas?

a) Methane b) Carbon dioxide

c) Nitrous oxide d) Sulphur dioxide

Section – B (खण्ड–ब)

Short Answer Questions (लघुउत्तरीय प्रश्न)

2. Answer any five of the following questions. **5x7=35**

i. What is Natural Resources? Classify it.

ii. What are the different spheres of the Earth?

iii. Explain the concept of Food chain and food web with example?

iv. What are the objectives of Wildlife Protection Act, 1972?

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v. What are the composition of soil and also explain its formation?

vi. What do you understand by Biodiversity? Classify different types of Biodiversity.

vii. Briefly explain in detail about the 'Narmada Bachao Andolan'.

Section - C (खण्ड–स)

Descriptive Questions(विवरणात्मकप्रश्न)

3. **Answer any two of the following question.** **2x10=20**

i) What is Ecological Pyramids? Classify the Ecological Pyramids with examples.

ii) Explain in brief the 'Hotspots of Biodiversity'.

iii) What are the causes, effect and control measure of Air Pollution?

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